

# HORNE & THORNTHWAITE'S

## CATALOGUE

OF THE APPARATUS AND MATERIALS FOR TAKING AND VIEWING

*Stereoscopic Pictures, &c.*

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### CAMERAS AND LENSES FOR STEREOSCOPIC PICTURES.

STEREOSCOPIC CAMERA, mounted on base-board, with parallel rulers, two camera-backs, one for taking stereoscopic views of the usual size, and the other for taking portraits,  $4\frac{1}{4}$  inches by  $3\frac{1}{4}$  inches, and  $3\frac{1}{4}$  inches by  $2\frac{3}{4}$  inches, £3.

Ditto, fitted with one of HORNE & THORNTHWAITE'S best double combination portrait lenses, so arranged as to take both views or portraits, £6 10s.

The above stereoscopic camera for taking views only, fitted with best stereoscopic view lens of  $4\frac{1}{4}$  inches focus, mounted in brass, with rack and pinion adjustment, but without the camera back or screen for taking portraits, £4 7s.

POWELL'S REGISTERED STEREOSCOPIC CAMERA, of the most portable construction yet invented, so arranged as to allow the operator to take eight views without returning to his operating room, complete with camera-back, holder, focussing screen, four double camera-backs, spirit level, and  $4\frac{1}{4}$  inches and  $5\frac{1}{4}$  inches focus stereoscopic view lenses with reversible jacket, as described at page 9, fig. 7, £7 7s.

Ditto, fitted with extra focussing screen and camera-back, for working the "wet" process, £8.

Ditto, with best portrait lens, screwing into the same flange, £11 2s. 6d.

POWELL'S REGISTERED BINOCULAR STEREOSCOPIC CAMERA, with four double backs capable of holding eight sensitive plates, focussing screen, and two sets of stereoscopic lenses of  $4\frac{1}{4}$  inches and  $5\frac{1}{4}$  inches focus, with reversible mountings, as at fig. 18, page 45, price £9 9s.

Ditto, fitted with extra focussing screen and camera-back, for working the "wet" process, £10 2s. 6d.

Ditto ditto, with a pair of best lenses for portraits, fitting to the same flanges, £16 7s. 6d.

STEREOSCOPIC PORTRAIT CAMERA, expanding form, fitted to a pair of HORNE & THORNTHWAITE'S *own make* lenses, £10 10s.

Ditto, with French lenses, £5 5s.

In this arrangement the two pictures are taken simultaneously, but the plate requires to be cut and the pictures transposed, before being viewed stereoscopically.

### CAMERA-STANDS.

CAMERA-STAND, light and steady, adapted for either of the foregoing cameras, 17s. 6d.

Ditto, with jointed legs, £1 1s.

Ditto, with jointed legs, and top of improved construction, extra light and steady, £1 5s.

Ditto, French polished, extra finish, £1 11s. 6d.

### LENSES FOR STEREOSCOPIC PICTURES.

HORNE AND THORNTHWAITE'S PORTRAIT LENS, in handsome brass mounting, with rack and pinion adjustment, the lenses  $1\frac{3}{4}$  inches in diameter, for taking portraits  $4\frac{1}{4}$  inches by  $3\frac{1}{4}$  inches and under, and having a moveable stop to be fitted over the back lenses, so as to enable it to be used for taking stereoscopic views, £3 13s. 6d.

HORNE AND THORNTHWAITE'S STEREOSCOPIC VIEW LENS,  $4\frac{1}{4}$  inches focus,  $1\frac{1}{2}$  inches diameter, mounted in brass, with rack and pinion adjustment, £1 15s.

HORNE AND THORNTHWAITE'S LARGE ANGLE STEREOSCOPIC LENS,  $3\frac{3}{4}$  inches focus, 1 inch diameter, mounted in brass, with rack and pinion adjustment, £2.

HORNE AND THORNTHWAITE'S STEREOSCOPE VIEW LENSES (reversible for use, figs. 18 and 19), of  $4\frac{1}{4}$  inches and  $5\frac{1}{4}$  inches focus, with brass mounting and sliding adjustment, £2 5s.

### DIPPING BATHS.

DIPPING BATH of glass, in deal case, vertical form, of the size required to excite a stereoscopic plate, with glass dipper, 8s.

Ditto of gutta percha, vertical form, with glass dipper, 4s. 3d.

Ditto of glass, horizontal form, flat bottom, adapted for either exciting the collodio-albumen plates, or for developing when the levelling stand is not used, 1s. 6d.

WELL BATH of gutta percha, fig. 10, stereoscope size, 3s.



SILVER WIRE HOOK, to be used with the horizontal dipping bath and washing tray, 1s.

Best Patent Plate, stereoscopic size,  $6\frac{1}{4}$  inches by  $3\frac{1}{4}$  inches, 3s. per dozen.

Best Flatted Crown Glass, stereoscopic size, 1s. per dozen.

Patent Plate is recommended for use in taking negatives, but the flatted crown glass answers well for transparent positives.

GLOBE PLATE HOLDER, 4s. 6d.

This form of holder is the best yet invented for use in the dry process.

LEVELLING STAND, adapted for stereoscopic plates, 2s. 6d.

GRADUATED GLASS MEASURE, two-ounce capacity, divided into drachms, 1s.

Ditto, ten-ounce capacity, cylindrical form, 2s.

Ditto, one-pint capacity, 3s. 4d.

Stirring Rod, 6 inches long, 2d.

Ditto, 9 inches long, 3d.

BALANCE with steel beam, glass pans, and set of weights, from two drachms down to half a grain, in oak box, 5s. 9d.

FUNNEL of glass, 2 inches diameter, 4d.

Ditto of gutta percha, fitting outside the glass funnel, 6d.

CIRCULAR FILTERS in packets of 100, for the 2-inch funnel, 6d. per packet.

FUNNEL of glass, 4 inches in diameter, 6d.

CIRCULAR FILTERS in packets of 100, to fit this funnel, 1s. per packet.

FILTERING PAPER prepared free from iron or other impurities, 1s. per quire.

DEVELOPING GLASSES, a set of three, nested, 2s.

PRESSURE FRAME, for printing glass positives, 4s.

Ditto, for printing paper positives, 4s. 6d.

CIRCULAR SPIRIT LEVEL, 3s.

FOCUSSING EYE-PIECE, 3s.

VIEW-METER, 2s.

WASHING TRAY, of gutta percha, Fig. 14, 3s.

CARDBOARD MOUNTS, for paper positive pictures, various shades, 6d. per dozen, 4s. per 100.

Ditto, white ground, with gold line around each picture, 9d. per dozen, 6s. per 100.

PASSE PARTOUTS, dark ground, with gold line, for mounting transparent or opaque positives on glass, 4s. per dozen.

BATH TESTER, for estimating the amount of Nitrate of Silver per ounce, in a bath or other solution, 3s. 6d.

HORNE AND THORNTHWAITE'S ALBUMENIZED PAPER, for printing stereoscopic positives on paper in a very superior manner, yielding great depths of tone, and fine detail, size  $11\frac{1}{4}$  inches by 9 inches, with directions for use, 2s. 9d. per quire.

Ditto,  $17\frac{1}{2}$  inches by  $11\frac{1}{4}$  inches, 5s. 6d. per quire.

Ditto,  $22\frac{1}{2}$  inches by  $17\frac{1}{2}$ , 11s. per quire.

### SENSITIVE PLATES,

READY FOR EXPOSURE IN THE CAMERA,

ARE SUPPLIED BY

MESSRS. HORNE AND THORNTHWAITE,

AT THE FOLLOWING PRICES:—

			Mahogany Plate Boxes, to contain one dozen plates each.	Deal Plate Boxes, to contain one dozen plates each.
		£ s. d.	£ s. d.	£ s. d.
$6\frac{3}{4}$ by $3\frac{1}{4}$	(Stereoscopic size) per dozen.	0 7 6	0 3 6	0 2 6
$3\frac{1}{4}$ " $2\frac{3}{4}$	"	0 5 9	0 2 0	0 1 3
4 " 3	"	0 6 9	0 2 3	0 1 5
5 " 4	"	0 8 0	0 2 6	0 1 8
6 " 5	"	0 11 0	0 3 0	0 2 0
7 " 6	"	0 13 6	0 3 6	0 2 6
8 " 6	"	0 14 6	0 4 6	0 3 0
$8\frac{1}{2}$ " $6\frac{1}{2}$	"	0 16 0	0 4 6	0 3 0
9 " 7	"	0 18 6	0 4 9	0 3 4
10 " 8	"	1 5 0	0 6 6	0 4 6
12 " 10	"	1 15 0	0 8 0	0 5 6

*Intermediate Sizes, not in this List, charged 20 per cent. more than the above Prices.*

REFRACTING STEREOSCOPE, wood body, covered with imitation leather paper, 1s. 6d.

Ditto, the body of polished mahogany, improved prismatic eye-pieces, 5s.

Ditto, superior make, the body of polished mahogany, walnut or rosewood, improved prismatic eye-pieces, 10s. 6d.

Ditto, the body of mahogany, rosewood, walnut, zebra, improved eye-pieces and mirror reflectors, 15s.

Ditto, with adjusting eye-pieces, 17s. 6d.

Any of the above fitted on brass stands, 15s., extra.



PORTFOLIO STEREOSCOPE, handsomely made in morocco leather, with gilt clasps, size when closed, 6 inches by  $7\frac{1}{2}$  inches, and  $1\frac{1}{2}$  inches thick, 15s.

STEREOSCOPIC PICTURES, on paper, taken by photography, embracing views taken from some of the most remarkable places in Europe, 10d.

Ditto, of superior character, having finest detail, and taken by superior artists, 1s. 2d., 1s. 6d., and 2s.

TRANSPARENT STEREOSCOPIC PICTURES, on glass, taken from albumen or collodion negatives, 3s. 6d.

Ditto, of a very superior character, having the minutest detail exquisitely represented, and the general picture artistically produced, 4s. 6d.

Ditto, Swiss and Italian views, carefully selected, 6s. 6d.

The value of stereoscopic pictures taken by photography depends so much on the minute detail being preserved, and the careful selection of such spots as afford artistic pictures, that the productions of superior artists always command a higher price than those of a mediocre character. This remark may tend to explain the variation in price of somewhat similar articles.

### SELECTIONS OF STEREOSCOPIC PICTURES.

A selection of ten stereoscopic views on paper, and two on glass, 15s.

A selection of ten stereoscopic views on paper, and four on glass, £1 1s.

A selection of twelve stereoscopic views on paper, and six on glass, £1 11s. 6d.

A selection of twelve best stereoscopic views on paper, and six on glass, embracing three of Swiss scenery, £2 2s.

A selection of twelve best stereoscopic views on paper, and twenty-two on glass, four of which are Swiss scenery, in mahogany box, £5 5s.

### COMPLETE SETS OF APPARATUS FOR TAKING STEREOSCOPIC PICTURES.

A complete set of photographic apparatus for taking stereoscopic views, including a Powell's registered stereoscopic camera, fitted with two view lenses, stand, dipping bath, glass plates, plate box, globe plate holder, levelling stand, measures, funnels, stirring rod, balance and set of weights, filters and filtering paper, developing glasses, pressure frame, level, focussing eye-piece, view meter, and all the necessary chemicals packed for home use or travelling, £13 13s.

Ditto, with Powell's binocular stereoscopic camera, with two sets of lenses' for views, and the necessary apparatus as above, £15 15s.

Ditto, with both view and portrait lenses, £21 10s.

## CHEMICALS, ETC., REQUIRED FOR USE IN THE PROCESSES DESCRIBED IN THIS WORK.

ACID, ACETIC, GLACIAL, 6 <i>d.</i> per oz.
ACID, CITRIC, 6 <i>d.</i> per oz.
ACID, PYROGALLIC, 7 <i>s.</i> per oz., 1 <i>s.</i> per dram.
ALCOHOL, ABSOLUTE, 6 <i>d.</i> per oz.
AMMONIUM, CHLORIDE, 2 <i>d.</i> per oz.
ETHER, SULPHURIC, 5 <i>d.</i> per oz.
GLYCYRRHIZINE SOLUTION, 2 <i>s.</i> 6 <i>d.</i> per 4oz. bottle.
IODINE, TINCTURE OF, 6 <i>d.</i> per oz.
KAOLIN, PREPARED, 3 <i>d.</i> per oz.
LIQUOR AMMONIA, 1 <i>d.</i> per oz.
PLATE CLEANING SOLUTION, 6 <i>d.</i> per 4oz. bottle.
POTASH, BICHROMATE, 3 <i>d.</i> per oz.
POTASSIUM, BROMIDE, 2 <i>s.</i> per oz.
POTASSIUM, IODIDE, 1 <i>s.</i> 6 <i>d.</i> per oz.
SILVER, NITRATE, crystallized, 4 <i>s.</i> per oz.
Ditto, fused, 4 <i>s.</i> 6 <i>d.</i> per oz.
SODA, HYPOSULPHITE, 1 <i>d.</i> per oz., 8 <i>d.</i> per lb.
TEST SOLUTION, for ascertaining the strength of Nitrate Silver Solutions, 1 <i>s.</i> per pint.
VARNISH, NEGATIVE, 1 <i>s.</i> 6 <i>d.</i> per 4oz. bottle.
WATER, DISTILLED, 6 <i>d.</i> per gallon.

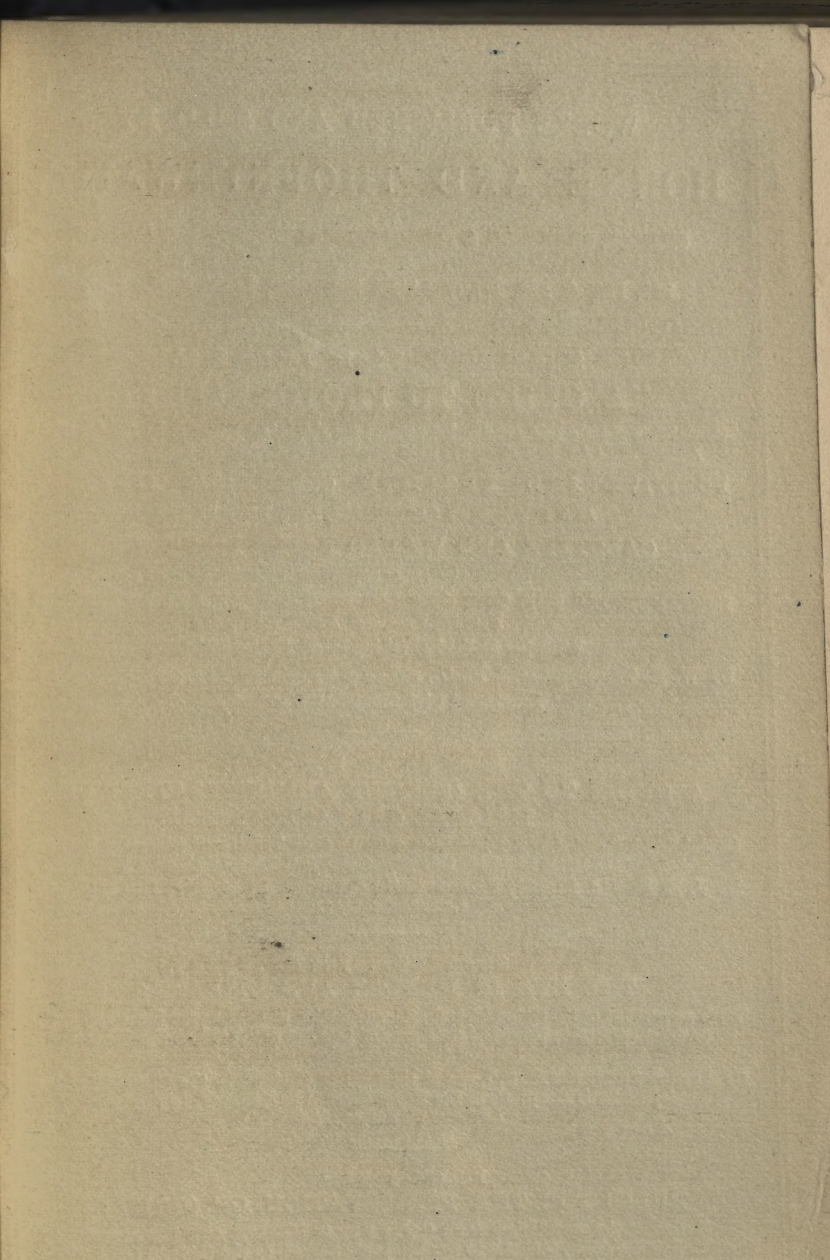
## POWELL'S COLLÓDION,

### FOR THE DRY PROCESSES.

This Collodion is supplied in the uniodized state, and in the  
following quantities only—

	s.	d.
2 oz. in two bottles .....	2	0
4 oz. ditto .....	3	6
10 oz. ditto .....	8	0
1 pint (20 oz.).....	15	0







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